#### THE EUGENICS REVIEW

#### RECENT ADDITIONS TO THE LIBRARY

The following books have been added to the Eugenics Society's Library during the past quarter.

Dobzhanski, Theodosius. Mankind Evolving. 1962. Pp. 381. Presented by Dr. C. O. Carter.

F.A.O./U.N. The State of Food and Agriculture 1962. Pp. 198.

Gemant, Andrew. The Nature of the Genius. 1961. Pp. 206. Presented by Dr. Eliot Slater.

Howells, William (Editor). Ideas on Human Evolution: Selected Essays 1949-1961. 1962. Pp. 555.

Pendell, Elmer. The Next Civilization. 1960. Pp. 238.
Presented by Sir Julian Huxley.

Population. International Population Conference, Vienna, 1959. Discussions. 1962. Pp. 134. Presented by Dr. C. P. Blacker.

United Nations. Demographic Yearbook 1962. Pp. 713.

W.H.O. Deprivation of Maternal Care: A Reassessment of its Effects. 1962. Pp. 165.

#### ELECTIONS TO THE SOCIETY

THE FOLLOWING HAVE been elected Fellows (\*) and Members of the Eugenics Society:

Mrs. J. E. M. E. H. Baker

\*Mrs. B. M. Bernardelli, M.A.

\*Martin Canny, M.A., Ph.D.

\*Donn Casey, B.Agr.Sc.

\*C. A. Clarke, M.A., M.D., F.R.C.P.

\*Professor P. Sargant Florence, C.B.E., M.A., Ph.D.

G. C. Gould, M.B., B.S.

G. Palmai, M.B., B.S.

\*John Peel, B.A. Dr. T. Rajhathy

\*J. A. H. Waterhouse, M.A., Ph.D. Raymond Wilson

### GENUS

The Review of the

ITALIAN COMMITTEE FOR THE STUDY OF POPULATION PROBLEMS and of the

ITALIAN SOCIETY OF GENETICS AND EUGENICS edited under the auspices of the National Research Council  $E\ D\ I\ T\ O\ R$ : Corrado Gini

Summary of Volume XVI-December 1960-N.1-4

ROBERT KUTTNER —Cultural Selection of Human Psychological Types.

—A proposito di una nuova Opera sui Vichinghi ecc.

T. LYNN SMITH —Rural-Urban Demographic Differences in Latin-America.

PLACIDO NICOLICCHIA —Le caratteristiche demografiche di un gruppo di Zulu (Bantu) della Riserva indigena di Manumulo (Natal).

gena di Mapumulo (Natal).

—Le caratteristiche demografiche di un gruppo di Albanesi di Kavaja.

THOMAS E. LEE —The lost Battleground of the long sault.

CORRADO GINI — Rassegna—Sulle differenze innate tra i caratteri mentali nelle varie popolazioni. RECENSIONI BIBLIOGRAFIA

#### GENUS

Accepts scientific articles, papers, notes and communications written in Italian, English, French, German and Spanish in the field of the different sciences related to population problems (Demography, Sociology, Economics, General Biology, Eugenics, Anthropology, Social Hygiene, Psycology, Genetic Geography).

Orders should be addressed to: Segreteria del Comitato Italiano per lo Studio dei Problemi della Popolazione, Via delle Terme di Diocleziano 10, Roma—Italia

U.S.A. \$6

**PUBBLICITA** 

#### THE EUGENICS REVIEW

for a "popular" book and one of this price, and there are passages that come as something of a shock, for instance the last paragraph in chapter 1, which starts "Naturally, we must not carry things too far and pretend, as people sometimes do, that identical twins are alike with respect to intelligence..." (This statement about identical twins is reversed later!) Footnotes where amplification is desired would avoid the tiresome necessity of repeatedly turning to notes at the end.

н. в.

#### INDIAN JOURNAL OF ECONOMICS

VOLUME XLI

EDITORIAL BOARD

No. 161

KENNETH K. KURIHARA J. K. MEHTA GYAN CHAND A. N. AGARWALA

OM PRAKASH (Managing Editor)

Agricultural Credit Problems in Brazil. By RALPH VON GERSDORFF

Evaluation of Selective Credit Controls in India. By O. P. JAIN

Extent of Auto-financing in Major Indian Industries. By S. S. SRIVASTAVA

Payments' Balance in a Developing Economy. By R. L. SABARWAL

Industrial Management and Economic Growth. By B. B. LAL

The Indian Journal of Economics was founded in 1916 by the late Professor H. Stanley Jevons. Volume 41 starts with issue No. 160. Subscription per volume (four issues, including postage) is Rs 17, £1/6/- or \$3.80.

The Special Number on Growth and National Income (No. 160) costs Rs 6.50, 10/- or \$1.50 up to October 31st, 1962, and Rs 8, 12/6 or \$1.80 thereafter; No. 161 costs Rs 5, 8/6 or \$1.25. Write to the Managing Editor, Indian Journal of Economics, University of Allahabad, Allahabad-2 (India).

Population Policy in Mainland China by JOHN S. AIRD.

The writer considers that the abandonment of the campaign for birth control in China came about because the government leaders believed that their economic policy had achieved a great success. When this success proved elusive a period of uncertainty followed, and if the agricultural crops should also fail to come up to expectation some important new developments may ensue.

The Use of Inter-Marriage Statistics as an Index of Assimilation by CHARLES A. PRICE and JERZY ZUBRZYCKI.

Inter-marriage is a useful index of success in immigrant assimilation, but the methods of measuring it are often too crude. Here are given two more reliable ratios, which can be derived from data obtained in special surveys, and another that can be

assessed from Australian official marriage statistics.

Some Fertility Attitudes among White Women in Johannesburg by EDWARD HIGGINS.

The results of a recent questionnaire in South Africa show considerable uniformity of view in regard to ideal family size and family planning but, as in other studies, different attitudes are found to be associated with different religious affiliations. Those who speak Afrikaans at home support the use of contraceptives less frequently than those who speak English.

Inferring Mobility Trends from a Single Study by PETER M. BLAU.

The assumptions upon which this may be done are explored and some predictions are made that can be tested with data from more than one study in the future.

P. R. C.

#### **Annals of Human Genetics**

Edited by L. S. PENROSE

(Contents of Vol 26, Part 2, November 1962)

On the sampling distribution of the studentised Penrose

measure of distance.

N. A. RAHMAN
Genetical linkage between the loci for glusoce-6-phosphate dehydrogenase deficiency and colour-blindness in American Negroes.

L. H. Borneys Laws Schwarz and V. A. McVinger.

I. H. PORTER, JANE SCHULZE and V. A. McKusick The metabolism of methyl thiouracil and thiopentone in

tasters and non-tasters of P.T.C.
D. A. PRICE EVANS, F. D. KITCHIN and J. E. RIDING Galactose-1-phosphate uridyl transferase activity in hemolysate mixtures.
W. R. BERGREN and G. N. DONNELL

Correlations between ridge-counts on all digits of the Parsis of India.
J. D. MAVALWALA

Human chromosome uncoiling and dissociation.

J. H. BROOKE, D. P. JENKINS, R. K. LAWSON and E. E. OSGOOD

Direct assessment of the effect of age on P.T.C. sensitivity. H. Kalmus and W. R. Trotter.

Familial transmission of a translocation between two chromosomes of the 13-15 group (Denver classification).

S. WALKER and R. HARRIS

S. WALKER and R. FIARRIS
STRUCTURAL heterozygosis in man: analysis of two families.
J. H. EDWARDS, M. FRACCARO, PAMELA DAVIES and R. B. YOUNG
With a note on dermal ridge configuration by L. S.
PENROSE and SARAH B. HOLT.

Reviews.

Subscription price, 100s. net per volume.

Single issues 30s. plus postage, 7d. inland, 4d. overseas.

#### CAMBRIDGE UNIVERSITY PRESS

Bentley House, 200 Euston Road, London, N.W.1

the trends in the most recent years. They relate to the total, for each of the calendar years 1952-58, of the fertility rates for all durations of marriage; they show the numbers of first, second third, fourth . . . children born to a thousand women, married only once, according to age at marriage.

The figures show a widespread increase in births—except for the very largest families in the

case of young marriages. Comparing these data with their general picture, the authors saw some reason to believe that the numbers of births in the early 1950s were if anything below average and also that the numbers in (and since) 1960 are higher than normal. If they are right, then a reduction in the annual number of births towards 900,000 a year may be expected before very long.

#### POPULATION STUDIES

#### A Journal of Demography

Edited by D. V. GLASS and E. GREBENIK

#### Vol. XVI. No. 2.

#### **CONTENTS**

November 1962

T. McKeown and R. G. Record C. A. Price and J. Zubrzycki Reasons for the Decline of Mortality in England and Wales during the Nineteenth Century.

Immigrant Marriage Patterns in Australia.

J. W. BRACKETT and E. E. HUYCK

The Objectives of Government Policies on Fertility Control in Eastern Europe.

R. G. POTTER, Jnr., P. C. SAGI and C. F. WESTOFF

V. SRB

Population Development and Population Policy in Czechoslovakia. Improvement of Contraception During the Course of Marriage.

S. J. KILPATRICK

Occupational Mortality Indices.

H. H. WOLFENDEN

On the Theoretical and Practical Considerations Underlying the Direct and Indirect Standardiza-

**Book Reviews** 

Subscription price per volume of 3 parts 42s. net., post free (or American currency \$6.75).

Single parts £1 each plus postage (American \$3.25, post free).

Published by the Population Investigation Committee, at the London School of Economics and Political Science, Houghton Street, London, W.C.2

## Around the World News of Population and Birth Control

The only international journal concerned solely with the world-wide problems of population and birth control.

- -requested by libraries, universities, and sociological organizations;
- -quoted by public speakers and newspaper correspondents.

#### Published ten times a year by the INTERNATIONAL PLANNED PARENTHOOD FEDERATION

The IPPF, a federation of voluntary associations for family planning and governmental agencies in thirtythree countries, believes that

- -family planning is a fundamental human right;
- —a favourable balance between the populations and natural resources of the world is an indispensable condition of lasting world peace;
- —that such a balance is unattainable unless knowledge of planned parenthood is extended.

Annual subscription to the News, 10/-; \$2.00. For information and sample copy, write to: The Editor, West Longsight, Crediton, Devon, England.

## THE ECONOMIC JOURNAL

No. 288 December 1962 Vol. LXXII

I. ARTICLES

LIQUIDITY
THE GAIN FROM INTERNATIONAL TRADE
THE GAINS FROM INTERNATIONAL TRADE ONCE AGAIN
ON THE STRUCTURE OF THE CAPITAL MARKET
INHERITANCE AND THE DISTRIBUTION OF PERSONAL WEALTH IN BRITAIN
BRITISH FINANCIAL INTERMEDIARIES IN THEORY AND PRACTICE
DEBT FINANCING AND FUTURE GENERATIONS
THE CHARACTER OF IMPROVEMENTS AND OF TECHNICAL PROGRESS
PROJECTING EUROPE'S GROWTH (Review Article)
LONG-TERM TRENDS IN CAPITAL FORMATION AND FINANCING (Review Article)

M. C. KEMP
P. A. SAMUELSON
M. J. FARRELL
C. D. HARBURY
G. CLAYTON
C. S. SHOUP
C. KENNEDY
W. BECKERMAN

J. R. HICKS

P. DEANE

II. REVIEWS

III. NOTES AND MEMORANDA

IV. RECENT PERIODICALS AND NEW BOOKS

MACMILLAN & CO. LTD., LONDON, W.C.2

Application for Fellowship to

ROYAL ECONOMIC SOCIETY, 21 Bentinck Street, London, W. I

Annual Subscription £2 10s. Single copies 15s.

## EUGENICS QUARTERLY

Vol. 9, No. 3 September, 1962

#### Contents

Population Differences in Red and Green Color Vision Deficiency: A Review, and a Query on Selection Relaxation, R. H. Post Changing Patterns of Differential Fertility in Northwest Europe and in North America, CEDRIC O. CARTER Phenylketonuria: A Review, ARNOLD R. KAPLAN

Brief Reports and Communications
Communications, BRUCE WALLACE and HENRY E. GARRETT

Genetic Counseling

New Voluntary Sterilization Law, SHELDON C. REED Book Reviews, CLYDE V. KISER, Book Review Editor

- "Family Growth in Metropolitan America" (Westoff, Potter, Sagi and Mishler), KURT B. BACK
- "Trends in Social Science" (Ray), RUPERT B. VANCE
- "Adaptation" (Wallace and Srb), HERMAN M. SLATIS
- "Psychological Testing" (Anastasi), GEORGE S. BAROFF Meetings and Recent Publications, HELEN G. HAMMONS

Periodical Reviews

Genetics, LISSY F. JARVIK and ARTHUR FALEK

Population, LEIGHTON VAN NORT

#### EDITORIAL BOARD

Frederick Osborn, Chairman

Gordon Allen

RICHARD H. OSBORNE, Acting Editor

Frank Lorimer

Consulting Editors: JAN BÖÖK, F. CLARKE FRASER, CLYDE V. KISER, LEIGHTON VAN NORT, L. D. SANGHVI, JEAN SUTTER

#### Published by AMERICAN EUGENICS SOCIETY

230 Park Avenue, New York, 17, N.Y. Subscription \$5.00; membership \$5.00 (foreign \$2.50)

# 

TWELFTH ANNIVERSARY ISSUE

#### REVIEW POPULATION

A Journal of Asian Demography

EDITOR: S. CHANDRASEKHAR

1962 VOL. 6, NO. 2

#### CONTENTS

CONTENTS

Messages from Dr. S. Radhakrishnan, Pandit Jawaharlal Nehru, Dr. Zakir Hussain and Dr. Sushila Nayar The Crowded World

Development Priorities

World Population: Some Problems and a Dilemma

Population Growth in the United States

The Causes of Poverty: A Clinical View

The Role of Class Mobility in Economic Development

Population and Freedom

Population and Freedom

Population and Freedom
Emigration and Depopulation: Some Neglected Aspects of Population Geography
A Perspective on Development in Crowded Areas
On the Concept of Urbanization Planning
Population of India: A Geographical Analysis
The Indians of British Guiana
The Cost of Not Doing Research—An Attempt at Sociological Cost Accounting
Population Problems in a Developing Economy
The Ethnic Groups of Malaya: A Population Study
A Study of Persons who have undergone Sterilisation Operations in Kerala
Thousands can be Saved from going Blind
Mangadu: Vital Statistics in an Indian Village

SUBSCRIPTION: Rs.10; £1; \$4.00 per year

PROFESSOR KINGSLEY DAVIS PROFESSOR JOSEPH J. SPENGLER
DR. DAVID LOWENTHAL and LAMBROS COMITAS PROFESSOR NATHAN KEYFITZ PROFESSOR WILLIAM PETERSEN PROFESSOR GEORGE KURIYAN

DR. G. C. L. BERTRAM PROFESSOR JOSEPH W. EATON PROFESSOR S. CHANDRASEKHAR

SIR JULIAN HUXLEY MR. PAUL G. HOFFMAN SIR E. JOHN RUSSELL PROFESSOR PHILIP M. HAUSER DR. JOHN KENNETH GALBRAITH

DR. MUKUL K. DEY
THE DEMOGRAPHIC RESEARCH CENTRE DR. U. C. GUPTA
PROFESSOR S. CHANDRASEKHAR

Cheques payable to The Indian Institute for Population Studies

Indian Institute for Population Studies GANDHINAGAR, MADRAŠ-20 (INDIA) 

## THE AMERICAN JOURNAL

## HUMAN GENETICS

A quarterly record of research, review and bibliographic material relating to heredity in man.

Official Journal of THE AMERICAN SOCIETY OF HUMAN GENETICS

Editor: C. NASH HERNDON, M.D.

Bowman Gray School of Medicine, Winston-Salem, North Carolina

The editor and his staff of associates will be glad to consider manuscripts pertaining to human genetics.

Subscription to The American Journal of Human Genetics or information pertaining to subscription should be addressed to Grune & Stratton, Inc., 381 Park Avenue South, New York 16, New York. The subscription price per volume is \$10.00. A volume consists of 4 numbers. Single numbers cost \$3.00. The first volume was published in 1949. One volume has been published each year since then.

Correspondence pertaining to membership in The American Society of Human Genetics or to general society affairs should be addressed to the Secretary of the Society, Dr. S. H. Boyer, Department of Medicine, Johns Hopkins Hospital, Baltimore 5, Maryland.

## PHYSIOLOGICAL ZOÖLOGY

Volume XXXV Number 3

July 1962

#### Edited by Thomas Park, University of Chicago

Further Studies on the Function of the Rectal Gland in the Spiny Dogfish The Adaptive Value of Bladder Water in the Toad, *Bufo cognatus* Seasonal Acclimatization in Four Species of Small Wild Birds J. WENDELL BURGER RODOLFO RUIBAL J. S. HART

Some Effects of Castration on a Migratory Sparrow (Zonotrichia atricapilla) MARTIN L. MORTON and L. RICHARD MEWALDT

A Function of the Enlarged Middle-Ear Cavities of the Kangaroo Rat, Dipodomys DOUGLAS B. Webster

Effects of Insulin Administration upon Blood-Glucose Levels of the Chick Embryo

ROBERT C. THOMMES and AUGUSTINE TAMBORNINO

The Effect of Vasopressin upon Urine Concentration in Aplodontia rufa (Sewellel) and the Rabbit
C. I. DOLPH, H. A. BRAUN, and E. W. PFEIFFER

Some Observations on the Role of Olfaction among Salientian Amphibia

BERNARD S. MARTOF

PHYSIOLOGICAL ZOÖLOGY is published quarterly in January, April, July and October. Subscription 82s. 6d. per volume. Single copies 24s. 6d., including postage.

THE UNIVERSITY OF CHICAGO PRESS, 5750 Ellis Avenue, CHICAGO

## OCCASIONAL PAPERS ON EUGENICS Published by The Eugenics Society

- 1. EUGENICS IN PROSPECT AND RETROSPECT By C. P. Blacker, 2nd ed. 1950
  - 2. INTELLIGENCE AND FERTILITY By Sir Cyril Burt, 2nd ed. 1952
- 3. THE TREND OF NATIONAL INTELLIGENCE By Sir Godfrey Thompson, 1947
  - 4. PSYCHOLOGICAL APPROACHES TO THE BIOGRAPHY OF GENIUS
    By Lewis Terman, 1947
- 5. POPULATION TRENDS AND THE WORLD'S BIOLOGICAL RESOURCES
  By G. C. L. Bertram, 1949
  - 6. PROBLEM FAMILIES IN BRISTOL By R. C. Wofinden, 1950
- 7. THE EXPECTATION OF MENTAL INFIRMITY IN A SAMPLE OF THE DANISH POPULATION

  By Kurt H. Fremming, 1951
  - 8. FAMILY ENVIRONMENT By John D. Nisbet, 1953
- 9. SOME ASPECTS OF WORLD POPULATION
  AND FOOD RESOURCES
  By Lord Simon of Wythenshawe, LL.D., 1955

#### **COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY**

AN INTERNATIONAL JOURNAL

Editors: Dr. G. A. KERKUT, Department of Physiology and Biochemistry, University of Southampton, England. Professor BRADLEY T. SCHEER, Department of Biology, University of Oregon, Eugene, Oregon, U.S.A.

The results of original research on the biochemistry and physiology of animals—vertebrates and invertebrates—are published in this journal. Particular attention is paid to those papers that compare the biochemistry and physiology of various animals.

Papers that appeared in the last issue included:

JAMES W. CAMPBELL and THOMAS W. LEE—Ornithine transcarbamylase and arginase activity in flatworms; C. B. Cowey and Gwyneth Parry—The non-protein nitrogenous constituents of the muscle of parr and smolt stages of the atlantic salmon (Salmo salar); G. A. Kerkut and G. A. Cottrell—Acetylcholine and 5-hydroxytryptamine in the snail brain.

An inspection copy and full details of subscription rates sent on request.

#### THE PAYMENT OF THE GENERAL PRACTITIONER

Some European Comparisons JAMES HOGARTH

This book is the first comparative study of the approach of different countries to the payment of general medical practitioners. A detailed description of the mechanics of each system is given, set against the background of the health services and history of health insurance in the country concerned.

Contents include: The British experience: Reimbursement of doctors' fees: Norway; Reimbursement of doctors' fees: France; Payment by fee-for-service: Switzerland; Holland: Payment by capitation fees; General medical services in the Soviet Union.

App. 500 pages

App. 84s.

#### **CONTROL OF CHROMATOPHORES**

M. FINGERMAN, Department of Zoology, Tulane University, New Orleans

This monograph covers chromatophores and colour changes wherever they occur in the animal kingdom. The different types of controlling mechanisms are dealt with as well as the chemistry and sources of chromatophorotropins. No other volume, devoted to this subject has appeared since 1948.

192 pages

Numerous Illustrations

50s. net

#### AN OUTLINE OF DEVELOPMENTAL PHYSIOLOGY

SECOND REVISED EDITION

Chr. P. RAVEN, Professor of Zoology in the University of Utrecht

This second English edition presents, in a logically ordered sequence, the processes which appear to determine the development of an organism from the fertilised egg to the adult—the science which is termed experimental embryology.

the science which is termed experimental embryology.

"There exists large textbooks and compressed surveys, but few books that cover the ground so thoroughly in so small a space as this one. It is ideal for university students."—

British Book News.

"An excellent translation of an admirable textbook of experimental embryology... the most satisfactory small textbook for the use of undergraduates. Written by a distinguished contributor to the field it is both authoritative and balanced... the style is very clear and the arrangement coherent and logical."—Annals of Applied Biology.

225 pages

Numerous Illustrations

25s. net

Any volume sent on 30 days approval.



## PERGAMON PRESS

HEADINGTON HILL HALL, OXFORD

TRADE-THE OF HE WEST SERVICES OF A

Pergamon Press books are distributed in the Western Hemisphere and the Philippines by the Macmillan Company, 60 Fifth Avenue, New York 11, N.Y., and Collier-Macmillan (Canada) Ltd., 132 Water Street South, Galt, Ontario, Canada.

#### THE EUGENICS SOCIETY

**OBJECTS:**—To study the influences that may modify inborn human qualities; to formulate and support policies for developing these qualities to the utmost advantage; to promote research on eugenic problems; and to foster a responsible attitude to parenthood.

- Conditions of Election to Fellowship.—Election to the Society's Fellowship is restricted to persons who have made, or might be expected to make, some contribution to eugenics or to the activities of the Society.
- Fellows are elected by the Council, but no candidate shall be elected a Fellow unless he has been proposed and recommended by a Fellow.
- Applications for Membership should be addressed to the Secretary, Eugenics Society, 69 Eccleston Square, London, S.W.1. Members receive the Eugenics Review free, are entitled to attend lectures, discussions and general meetings, and have the use of the library. Annual Subscription £2 2s. 0d. per. annum.
- Those who are not members can subscribe for the EUGENICS REVIEW. Communications regarding subscriptions to the EUGENICS REVIEW should be addressed to the Secretary.

Editorial communications and Books and Periodicals for review should be addressed to the Editor.

#### APPLICATION FORM

To the Secretary of the Eugenics Society 69 Eccleston Square, London, S.W.1

I contemplate becoming a Member of the Eugenics Society. Kindly send me particulars.

Signature	
Address	

N